

What is claimed is:

1. A camera crane comprising:

a post assembly;

a boom arm pivotably connected to the post assembly;

5 a counter weight platform pivotably connected to a second end of the boom arm;

a track section arm pivotably attached to a first end of the boom arm;

a leveling rod pivotably attached to the counter weight platform and to the track section arm;

10 a track section pivotably attached to the track section arm; and

a camera frame linearly movable along the track section, with the camera frame including a base plate for supporting a camera.

2. The camera crane of claim 1 wherein the track section arm is pivotable on  
15 the boom arm about a first axis, and wherein the track section is pivotable relative to the track section arm about a second axis perpendicular to the first axis.

3. The camera crane of claim 1 further comprising an arm plate on the track  
section arm, a track section plate on the track section, and a low friction plate between  
20 the track section plate and the arm plate.

4. The camera crane of claim 3 further comprising a quick release pin extendable through the track section plate, the low friction plate and into the arm plate, for locking and releasing pivoting movement of the track section.

5 5. A camera crane comprising:  
a post assembly;  
a boom arm pivotably connected to the post assembly;  
balancing means for balancing the boom arm;  
a track section pivotably attached to the boom arm, to allow pivoting  
10 movement of the track section relative to the boom arm about a first axis, and about a  
second axis perpendicular to the first axis.

6. The camera crane of claim 5 further comprising leveling means for  
maintaining the track section is a level position as the boom arm pivots relative to the  
15 post assembly.

7. A camera crane comprising:  
a boom arm;  
a front section, attached to and pivotable about a first axis and a second  
20 axis relative to, a first end of the boom arm;  
a counter weight platform at a second end of the boom arm; and  
one or more leveling rods linked to the counter weight platform and to the  
front section.

8. The camera crane of claim 7 further including a camera frame linearly movable along the track section, with the camera frame including a base plate for supporting a camera.

5

9. A camera crane comprising:

a post assembly;

a boom arm pivotably attached to the post assembly at a pivot joint;

a front section attached to a first end of the boom arm;

10 a rear section attached to a second end of the boom arm;

a counter weight platform on the rear section; and

a support member attached to the front section and the rear section adjacent the pivot joint.

15 10. The camera crane of claim 9 further comprising one or more leveling rods linked to the counter weight platform and to the front section.

11. The camera crane of claim 9 wherein the support member comprises a rigid metal arc integrally joined with the front and rear sections.

20

12. The camera crane of claim 9 further comprising at least one spring connected to the rear section and the post assembly for balancing the crane arm.

13. The camera crane of claim 9 further comprising a braking member pivotably attached to the post assembly at the pivot joint and moveable along the support member.

5           14. The camera crane of claim 9 wherein the front section is vertically offset from the rear section.

15. The camera crane of claim 9 further comprising one or more hand weights slidable along the rear section.

10

16. A camera crane comprising:

a post assembly;

a crane arm pivotably attached to the post assembly, with the crane arm including a front section extending from a first side of the post assembly, and a rear  
15 section extending from a second side of the post assembly;

balancing means attached to the rear section of the crane arm; and

support means attached to the front section and the rear section of the  
crane arm.

20           17. The camera crane of claim 16 further comprising at least one spring connected to the rear section of the crane arm and the post assembly for balancing the crane arm.

18. The camera crane of claim 16 further comprising a braking member pivotably attached to the post assembly and moveable along the support member.

19. The camera crane of claim 18 wherein the braking member includes a  
5 securing means that is tightenable against the support member for compensating for drag forces acting on the crane arm.